

C-1 CAMEROUN: 2 MI. N. MAYO-ZADRA, 820 M, IX-28-66 LUNCH STOP 77

Very galleria rare under large granite rocks, culture small may not include insects. Rocky hills with agric and pasture. Nothing in this

C-2 CAMEROUN: 15 MI. S. MAYO-ZADRA: 530 M, IX-28-66 STOP 78

Low savanna next to granite kopje. Most embiids under thin bark flakes of small tree on flat, gregarious. 2 from between granite cracks. *Scutellinia*

C-3 CAMEROUN: <sup>35</sup>~~20~~ MI. N. GAROUA, 480 M, IX-28-66 STOP 79  
(Change culture label)

Similar zone to above. Embiids in bark crevices of dead limbs

C-4 CAMEROUN: 52 MI. S. GAROUA, 330 M, IX-29-66 STOP 80

High riverine forest in savanna zone. Understory high grass No epiphytes. Embiids under flakes and fungus on bark of large limbs, shattered by fall from dead standing tree. Embiids  $\frac{1}{4}$ " long, fast moving. Some juv of unicolorous sp. but mostly red & bl. *Scutellinia*

C-5 CAMEROUN: GUIBJIBA, 400 M, IX-30-66 NO STOP NO

Embiids numerous in mud cracks of walls of huts in native village. Feed on straw mixed in mud and web beneath slabs of mud. Gregarious several stages incl adult ♂ (in culture)

C-6 CAMEROUN: 15 MI. S. GAMBA, 650 M, IX-30-66 STOP 81

Ridge covered with virgin savanna woodland. Some leafy 3 spp embiids in culture - 1 *Scutellinia* juv. in bark under large limb on ground. Several juv *Teratembia* in soft bark flakes and crevices of dead bark of down tree. A few red & bl. juv. of C-4 species

C-7 CAMEROUN: <sup>18</sup>~~20~~ MI. N. NGAOUNDERE, 1350 M, IX-30-66 STOP 83

Camp next to barren conical hill with quarry. Embiids in dry grass bases under edges of stones. At times follow hollow center. all juv, reddish-tan. Countryside almost completely cleared for cattle.

C-8 CAMEROUN: N'GAOUNDERE, 1100 M, X-1-66 STOP 84

Collected around granitic kopjes in high grass - low savanna at W. edge of town, a forest reserve. Culture contains 2-3 spp.  
(1) largest lot prob *Scutellinia* under thin granite flake on shaded vertical face of large boulder. Others under small flakes on ground at bases of boulders. Incl. sp. of C-7

- C-9 CAMEROUN: 28 MI. S.E. N'GAOUNDERÉ, 1250 M, X-1-66 STOP 85  
Savanna woods (low) on flat-topped laterite ridges. One colony of Sulembia (♀ + eggs) in bark flakes on limbs 8' ft above ground. A few red-tan individuals under stones.
- C-10 CAMEROUN: 20 MI. N.W. MEIGAMGA, 1050 M, X-2-66 STOP 86  
Savanna woods - this culture apparently teratimbiid in bark of small, long-dead tree ~~tree~~ died
- C-11 CAMEROUN: 20 MI. N.W. MEIGAMGA, 1050 M, X-2-66  
Edge of rain forest in savanna. One ♀ of small bicolorous, shining species in bark of cork-layered tree. Others (2nd instar) from one colony on underside of crotch of low savanna tree.
- C-12 CAMEROUN: 7 MI. S.E. MEIGAMGA, 900 M, X-3-66  
Hilly savanna. Old, roofless, mud hut walls. Embiids abundant in crevices. Red & bl. species and saundersii, the latter also on trees in Meiganga.
- C-13 CAMEROUN: 14 MI. N.E. BETARE-DYA, 930 M, X-3-66  
High grass savanna, widely spaced trees. Recent rain. Sulembia in dead limb bark 9 ft above ground on tree in small grove. Webs pure white. 1 ♀ (killed) and brood on 2nd instar young
- C-14 CAMEROUN: 10 MI. W. BERTOUA, 640 M, X-5-66  
Rain forest, cleared understory with cacao, very damp and shaded. Conspicuous galleries on tree trunks and stumps adult ♀s and 3rd instar young
- C-15 CAMEROUN: DIANG, 650 M, X-5-66  
Large shade tree in village - no close contact with jungle but rain forest nearby. Big webs on trunks and limbs some saundersii mixed in. photographed
- C-16 CAMEROUN: 36 MI. W. BERTOUA, 620 M, X-5-66  
Small colony at base of tree in virgin forest next to swamp, deep shade

C-17 CAMEROUN: 27 MI. W. NANGA - EBOKO, 580 M, X-6-66

Wells in crevices of oil palm trunk bracts. Wells bluish, speckled rather elastic. May be saundersii but far from large village or town

C-18 CAMEROUN: 7 MI. E. BATCHANGA, 480 M, X-6-66

Smaller species, tan with bl. head in clean white flat galleries under bract of ~~o~~ palm trunk near virgin forest. Some penult. One colony.

C-19 CAMEROUN: 7 MI. E. BATCHANGA, 480 M, X-6-66

Large sp. black ♀, white-tipped antennae on base of buttressed forest tree isolated by clearing for cacao. Virgin rain forest nearby.

C-20 Same place

On tree trunk in deep shade of virgin rain forest. Extensive webs, sheet-like radiation on smooth bark surface.

C-21 CAMEROUN: NANGA - EBOKO, 580 M, X-6-66

Large webs on trunks of oil palms on school campus. Former rain forest, virgin nearby

C-22 CAMEROUN: YAOUNDE (CREST MT. FEBE), 1050 M, X-9-66

Virgin mtn rain forest on small mtn. Hotel and trails stop. Teratobia (some penult) in extensive patch of galleries 10" diam on rough, lichen-encrusted rock surface, fairly exposed to light. Others (same sp.?) in and under bark flakes of shaded trunk

C-23 Same place

Two sp with black head (may be two of this type: one in single web under bark flakes, the other gregarious in clean white galleries on smooth bark and near crevices) 2 ♂ of former collected in field.

C-24 Same place

Large species in big galleries on bark surface. Other big webs on rock surface

- C-25 CAMEROON: MT FEGE, YAOUNDE, 1050 M, X-10-66  
Several species under bark chips and on rock surfaces, incl more from source of C-22
- C-26 Same place  
Large species, females and 3rd instar from cliff face and bark of tree. Webs unusually broad for size of insects.
- C-27 CAMEROON: 12 MI E. MBALMAYO, 660 M, X-11-66  
1 ♀(?) juv. under fresh branch on ground in recently-cleared forest field. Heavy forest zone.
- C-28 CAMEROON: EKOK, 24 MI. E. TEKMO, 650 M, X-12-66  
Several spp under bark flakes of buttressed trees in cacao plantation. Heavy shade. Once a primary rain forest. Very wet season. *Pterodroma* & *Holcuspis*
- C-29 Same place and contents
- C-30 Same place - larger species with conspicuous clean-white gallery patch on large tree
- C-31 CAMEROON: 10 MI. W. TEKMO, 710 M, X-14-66 Gomez' sawmill  
Several spp on and in bark of various trees in shaded, damp cacao plantation. Originally heavy rain forest. 3 spp: ?  
one: pale tan and brown, individuals under separate flakes webs visible at edge. two: medium, shiny piceous, prothorax reddish 1 ♀ and young  
three: large black ♀ with clean-white surface, short galleries.
- C-32 CAMEROON: 12 KM. S. EMBOLOWA EMBOLOWA, 580 M, X-16-17-66  
Camp in semi-cleared rain forest used for cacao expt. stat. Many original forest trees and some undisturbed patches, incl. palm swamp and along river. Wet season with broken sun during day. Culture contains large species with many penult ♂. Webs broad. Species starts as gregarious patch but, after attrition only a few nearly mature individuals are scattered on trunks. Part of tunnels lead under bark flakes. Species with white-tipped cerci
- C-33 Same place  
Large species, may be same as above. Adult ♀ with entirely black cerci large sheet colony on trunk in shade many young in tunnels beneath adult galleries. Tachinid fly puparia in webs.



- C-34 CAMEROUN: Same place  
Culture may contain only juv. of one of above species
- C-35 Same place  
2 or more smaller species, including orange and black kind, as well as one small shiny black ♀. All on bark of trees
- C-36 Same place  
Dull black ♀s with thin, pale thoracic bands under bark flakes of large residual trees in cacao plantation.
- C-37 Same place  
Large shiny black ♀ with reddish prothorax, some perault ♂ under bark flakes of trees similar to above
- C-38 CAMEROUN: EBOLOWA, 600 M, X-17-66  
Small, pale, mottled species on trunk of large tree in mission lawn, clean galleries radiate on bark from retreat under flake, lichens or old termite galleries. Some perault
- C-39 CAMEROUN: AKOM, 450 M, X-18-66  
Camp at old mission. Dull black species around bark flakes of old buttressed tree shading cacao with radiating, lightly speckled with frass
- C-40 Same place  
Possibly some species in cracks and scars of ~~the~~ palm trunks in open field bordering road
- C-41 CAMEROUN: 5 MI. N. KRIBI, 2 M, X-19-66  
On branches <sup>+ trunks</sup> of trees slanted out over wave-struck rocks of sea coast. Large labyrinths on sheltered surfaces. Also, less common on trees in shore in dense forest. Appears to be large shiny species found at Ebolowa etc.
- C-42 Same place  
In bark flakes on trunks of forest trees. Dull black species with white thoracic bands

C- 43

CAMEROUN: DOUALA, 10 M, X-20-66

On bark of large, moss-fern-barked, tree on cliff above docks on grounds of Eglise Centenaire. Webs not conspicuous on surface but burrowed into soft bark. May be saunderii *yes*

C- 44

CAMEROUN: 12 MI. S.W. LOUM, 170 M, X-22-66 (MUNGO CAMP)

Virgin rain forest with "indian trails", very dark and damp. No embryos seen except on very large vines around base of huge buttressed trees. Old webs and one good active colony seen high up. Finally found 2 separate, 1-♀ colonies on 2" saplings and made cultures. Adult ♀ and brood of 3rd instar young.

C- 45

CAMEROUN: 6 MI. S. KUMBA, 180 M, X-22-66 (EXP. STAT.)

Small spp. black ♀s and pale, larger penult ♂ may be distinct on hard surface big tree buttresses beneath tiny flakes and abandoned termite galleries.

C- 46

same tree

Distinct species on softer area. Single brood of 1st instar of large sp. with conspicuous web. Embryos congregated under several flakes.

PLESEMBIAAETHIOPICORUM

C- 47

Same place

Large species, prob. dissimilis, forming almost complete silk jacket on residual trees in cut-over rain forest. Only colony seen on hundreds of trees examined. Mostly penult. 1 adult ♂ collected.

C- 48

Same place

Small species, about 8 individuals cultured. On pale-bark, buttressed large tree in cocoa plantation.

C- 49

Same place

Tiny terat abundant on one surface of large hard-barked buttressed tree in cocoa plantation. Retreats under flakes. 3 adult ♂ collected.

C-50 CAMEROUN: MUYUKA, 120M, X-24-66

Great sheet webs on bark of rubber trees. Adult ♀s and broods in several stages from 1st instar. Next day many adults ♂s etc.

C-51 CAMEROUN: CAMEROUN MTN., ABOVE BUEA, 1500 M, X-24-66

gone

Pleambia convergens common on mossy bark. in mtn forest with tree ferns. Webs on surface, filling, mixed with mossy frass. 1 embiid per gallery, mostly penult ♂, 1 adult caught  
Died out

C-52 Same place.

Small orange & black sp. in ferns post bark and that of isolated trees. webs chalk-white, retreat under bark flake or lichen. Many parasitized with olerogibbids. reticumbra

C-53 CAMEROUN: KUMBA, 350 M, X-25-66

Embriids common on stiff-flaked bark of roadside trees in administrative area. Appears to be dissimilis adults ♂♀ and all stages of young. Naked silks with retreats under flakes swarming with young. Flat, orange beetle larvae (collected) appears to be a predator.

C-54 CAMEROUN: KUMBA, RIM OF CRATER, 400M, X-26-66

Virgin rain forest on rim of crater. Embriids in natural sites on bark of trees in dark forest. This culture contains n. form.

C-55 CAMEROUN: Same place.

Seems to be dissimilis, caught 1 ♂

C-56 CAMEROUN: NYASOSO, BASE MT. KOUPE, 900M, X-27-66

Medium species in insect borings in timbers of hut entrances. Culture mostly early instar. May be souderaii yes

C-57 CAMEROUN: MBOUDA, 1400 M, X-29-66

Mountain grasslands with farms and tropical forest in canyons. Embriids collected in coarse bark flakes of large trees - remnants of old forest. One embiid per colony which resembled those of souderaii. Mostly penult males.

C-58 CAMEROUN: 12 MI. N.E. BAMENDA, 1730 M, X-30-66

Vertical rocky bank with moss & lichens, in grasslands. Embriids in crevices and under cryptogam flakes. 2 adult ♂ caught + penults.

- C-59 CAMEROUN: 5 MI. N.E. BAMENDA, 1300 M, X-30-66  
Patch of undisturbed mtn. forest. Plescombia in filmy webs  
covered with moss particles. On bark of large trees. Lives like  
Convergans. Also small species in same habitat. Webs denser.  
Both spp. with penult ♂
- C-60 CAMEROUN: BAMESSING, 18 MI. N.E. BAMENDA, 1170 M, XI-1-66  
Large clean silk webs on surfaces of tropical trees of  
all sorts in native farming area. Extremely abundant.  
Most young in 3rd instar.  
May be 2-3 spp mixed
- C-61 Same place  
Smaller, more bluish webs, speckled with frass.  
Tend to penetrate and go beneath bark flakes and  
slabs. Young banded with pale tipped cerci  
May be 2-3 spp. mixed.
- C-62 CAMEROUN: 20 MI. N.W. FOUMBAN, 1230 M, XI-1-66  
At camp on grassy, savanna hill tops with widely scattered  
shrub-like trees. Embiids in blackened, dry, bark crevices  
Small spp, possibly 2
- C-63 CAMEROUN: FOUMBAN, 1150 M XI-2-66  
Large species on bark of trees in grounds of Sultan's  
Palace - especially scarred palms.
- C-64 CAMEROUN: MT. FEBE, YAOUNDE, 1050 M, XI-7-66  
2-3 spp. Mostly on mossy surfaces of vertical ledges in  
deep shade some on bark surfaces. Bl ♀ and  
orange + bl ♂ mature.
- C-65 Same place  
1 dull black ♀ on shaded rock surface on ledge  
large sp may be nr. dissimilis
- C-66 CAMEROUN: YAOUNDE, 750 M, XI-8-66  
Red + bl small sp. in dead twigs and bark of hydnoraceae  
hedge in Quinn's garden



C-67 CAMEROUN: ~~EXP~~ CENTRE AGRON., YAOUNDÉ, 710 M, XI-8-66

2 spp. Plesombia in bark crevices in almost virgin hill forest. Black sp. on underside of small, felled tree. Red + bl ♀ with 1st instar young in crevice of large standing tree in cacao plantation. Black sp. had 3rd instar young. Culture also contains at least one perempt male of terat.

C-68 Same place

Dull black sp. probe dissimilis on rock surfaces and bark of large trees. ♀ common, no ♂, 1st instar young in masses under thick layers of web.

C-69 CAMEROUN: LEBOMBA (NR. MAKAK), 650 M, XI-10-66

Several species under bark flakes and in crevices of various residual trees in and at edge of rain forest.

C-70, 71, 72, 73, 74, 75

CAMEROUN: CENTRE AGRON., YAOUNDE, 710 M XI-11-66

Misc spp. in bark crevices in same situations as C-67

C-76, 77, 78

CAMEROUN: KUMBA, CRATER RIM (LAC BARAMBI MBO), 400 M XI-17-66  
On bark in virgin rain forest, heavily shaded, one culture contains Plesombia

C-79 CAMEROUN: 25 KM N.E. DOUALA, M, XI-20-66

Secondary rain forest on low hills. With occasional old tree. Very wet. Good colony of Plesombia, ♀ and 3rd instar young crowded together in splintered bark of crown of large recently-felled tree. One small embiid added from web around spine of tree trunk.

179 cultures to date